



Transportation Improvement Program **2005** Air Quality Conformity Determination Report (CDR)

Metropolitan Planning Organization for the Miami Urbanized Area





On May 27, 2004 the Miami-Dade Metropolitan Planning Organization (MPO) Governing Board will be presented for their approval the Fiscal Year 2005 through 2009 Transportation Improvement Program (TIP) and its air quality Conformity Determination Report (CDR). The FY 2005-2009 TIP is a subset of the conforming 2025 Long Range Transportation Plan (LRTP) Update.

On December 6, 2001 the MPO approved both the 2025 LRTP and its air quality CDR and the MPO demonstrated that the FY 2003-2007 TIP was a subset of the 2025 Long Range Transportation Plan Update consistent with Section 176(c) of the Clean Air Act, the State Implementation Plan (SIP), the transportation conformity regulation, and the SIP Conformity Criteria and Procedures Revision, as approved by the United States Environmental Protection Agency (USEPA).

(51.394)

**Name of MPO: Metropolitan Planning Organization for the Miami
Urbanized Area**

ITEM NO.	The Conformity Determination Report Includes The Following Information	TIP Conformity Determination Report Page Number
1	A statement that the three-year TIP is a subset of the conforming transportation plan and that the conformity determination made for the plan also applies to the TIP.	Page 2 App. C
2	A copy of the MPO's formal action adopting the new TIP and Conformity Determination Report.	App. G
3	A copy of the MPO's and FHWA/FTA's findings of conformity of the current transportation plan is included.	App. B
4	A copy of the cross reference index from the transportation plan Conformity Determination Report is included.	App. D
5	An index showing where the required information can be located in the TIP is included.	i
6	A copy of the conforming transportation plan's emissions reduction summary table is included.	Page 8
7	Public involvement process documented. The CAC reviewed TIP Conformity Determination.	App. E&H
8	Interagency consultation and TAC review documented.	App. F
9	Comments of other agencies/public addressed by the MPO.	App. H

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Conformity Determination Report

Transportation Improvement Program for Fiscal Years 2005 through 2009

Introduction

At the December 6, 2001 Miami-Dade Metropolitan Planning Organization (MPO) meeting, the MPO Board approved the Air Quality Conformity Determination Report (CDR) and the 2025 Long Range Transportation Plan (LRTP) Update. On January 31, 2002 the MPO Board approved a revised air quality CDR for the 2025 LRTP -- following a transit project modification approved by the MPO Board at its December 6, 2001 -- and reaffirming the Miami-Dade LRTP as adopted on December 6, 2001.

The air quality CDR for the 2025 Long Range Transportation Plan Update was approved by the MPO Board as conforming to the intent of the State Implementation Plan (SIP), and satisfying the requirements of the Clean Air Act Amendments (CAAA) of 1990. The 2025 transportation plan update was approved as the long-range transportation plan for the Miami Urbanized Area.

The MPO demonstrated that the approved Miami-Dade Transportation Plan to the Year 2025 supports the SIP's purpose of eliminating or reducing the severity and number of violations of the National Ambient Air Quality Standards (NAAQS) and achieving expeditious attainment of such standards. Further, the MPO found that the LRTP will not:

- i. cause or contribute to any new violation of any standard in the area;
- ii. increase the frequency or severity of any existing violation or any standard in any area; or
- iii. delay timely implementation of any standard or require interim emission reductions or other milestones in any area.

This determination reflects estimates of emissions, based on the most recent population, employment, travel and congestion estimates available, as determined by the MPO.

The Finding of Conformity for the Miami-Dade Transportation Plan Update to the Year 2025 as approved appears in **Appendix A**.

Conformity of the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update

As illustrated in **Table 1**, emissions of volatile organic compounds (VOCs) and oxides of nitrogen (NO_x) for 1990, based on the 1990 Emissions Inventory, are 156.60 and 117.70, respectively. This Emissions Inventory was submitted to USEPA on November 8, 1993 and is included in the approved *Maintenance Plan* for Miami-Dade County.

Table 1: 1990 Vehicle Emissions Inventory

VOC	156.60
Nox	117.70

A methodology for conformity determination, described in the Florida Department of Transportation (FDOT) Topic No. 525-010-014-g., titled *District Review of Conformity Determinations by Metropolitan Planning Organizations in Non-attainment and Maintenance Areas*, was issued on July 9, 1998. Using this methodology for conformity determination during the *maintenance period*, the Miami-Dade LRTP Update to the Year 2025 was found to be consistent with Section 176 (c) of the Clean Air Act, the State Implementation Plan, the Transportation Efficiency Act for the 21st Century (TEA 21), the transportation conformity regulation, and the SIP Conformity criteria and procedures revision, as approved by the United States Environmental Protection Agency (USEPA) (§51.394).

A transit project modification (advancement of the Miami Beach light rail project from Priority 3 funded to Priority 2 funded) approved by the MPO Board at the adoption hearing on December 6, 2001 triggered a revision of the air quality CDR, which was approved by the MPO Governing Board at its January 31, 2002 meeting. At the latter meeting the MPO Board also reaffirmed the Miami-Dade LRTP as adopted on December 6, 2001.

In a letter from the Florida Department of Environmental Protection (FDEP) to the Florida Division of the Federal Highway Administration, USEPA recommends a finding of conformity for the Miami-Dade Transportation Plan Update to the Year 2025 adopted on December 6, 2001. A copy of this letter is included in **Appendix B**. Appendix B also includes a letter from the Federal Highway Administration (FHWA) dated March 14, 2002 which states that “the FHWA/Federal Transit Administration in cooperation with the USEPA issued a conformity determination on the Cost Feasible Element of the Miami-Dade Transportation Plan Update to the Year 2025, consistent with the air quality State Implementation Plan (SIP) pursuant to Section 176 (c) of the 1990 Clean Air Act Amendments and 40 CFR Parts 51 and 93.” The joint letter constitutes the finding of conformity for the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update.

Consistency with the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update

The Transportation Improvement Program (TIP) for Fiscal Years 2005 through 2009 is a subset of the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update. Regional emission analysis has been performed to demonstrate that projects modifying their opening to traffic status due to new construction schedules in the TIP will not negatively impact air quality in Miami-Dade County. The TIP conforms to the provisions of the CAA Amendments of 1990 and supports the SIP’s purpose of

eliminating or reducing the severity and number of violations of the NAAQS (see **Appendix C**).

Conformity of the TIP

All of the transportation projects in the TIP for Fiscal Years 2005 through 2009 that add capacity to the local road network are included in the networks that comprise the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update. Projects for which construction schedules are revised in the FY 2005-2009 TIP, relative to the previous TIP (FY 2004-2008) are included in **Table 2**. Also included in **Table 2** are projects in the 2005-2009 TIP that were not in the previous TIP. Partially funded projects are assumed to be open to traffic by December 31, 2015 and are included in both the 2015 and 2025 models. The 2005 model used to test the previous TIP was not revised to test the 2005-2009 TIP.

Several of the projects contained in **Table 2** are project priority modifications of the Miami-Dade MPO Year 2025 LRTP Update. These modifications have all been approved as LRTP amendments since the 2025 LRTP adoption on December 6, 2001.

Table 2: Fiscal Years 2005 to 2009 Transportation Improvement Program (TIP)

FM#	FACILITY	LOCATION	Description	PHASE	YEAR COMP	COMMENTS
87408	SR 874 / SW 117 INTERCHANGE	HEFT TOLL PLAZA	PROVIDE SB OFF RAMP AND NB ON RAMP AT SW 117 AVE.	PD	2009	PRIORITY III
651022	GRAND AVE.	SW 37 AVE. to SW 32 AVE.	4 TO 2 LANES	under design	2010**	PRIORITY I***
671135	SW 97 AVE.	SW 72 ST. to SW 40 ST.	2 TO 3 LANES	under design	2015**	PRIORITY II
*	SW 26 ST.	SW 149 AVE. to SW 147 AVE.	2 TO 4 LANES	CST	2005	PRIORITY I BY LRTP AMENDMENT
662410	SW 117 AVE.	SW 184 ST. to SW 152 ST.	2 TO 4 LANES	CST	2005	PRIORITY I***
*	SW 42 ST. / BIRD RD.	SW 149 AVE. to SW 150 AVE.	2 TO 4 LANES		2010**	PRIORITY I BY LRTP AMENDMENT
*	SW 42 ST. / BIRD RD.	SW 157 AVE. to SW 162 AVE.	2 TO 4 LANES	CST	2007	PRIORITY I BY LRTP AMENDMENT
*	SW 56 ST.	SW 158 AVE. to SW 152 AVE.	2 TO 4 LANES	CST	2008	PRIORITY I BY LRTP AMENDMENT
*	PONCE DE LEON BLVD.	ALMERIA AVE. to ALCAZAR AVE.	6 TO 4 LANES WITH LEFT TURN BAYS	CST	2010**	PRIORITY I BY LRTP AMENDMENT
*	PONCE DE LEON BLVD.	ALCAZAR AVE. to SW 8 ST.	4 TO 4 LANES WITH LEFT TURN BAYS	PE	2010**	PRIORITY I BY LRTP AMENDMENT
*	SW 62 AVE.	SW 70 ST. to SW 64 ST.	5 TO 2 LANES	CST	2005	PRIORITY I BY LRTP AMENDMENT
*	SW 160 ST.	SW 147 AVE. to SW 137 AVE.	NEW 4 LANES	CST	2005	PRIORITY I BY LRTP AMENDMENT
*	ACCESS TO COUNTRY WALK		EXTENSION OF SW 143 TERR. FROM RAILROAD TO SW 136 ST.	CST	2005	PRIORITY I BY LRTP AMENDMENT
*	NW 138 ST. BRIDGE		BRIDGE OVER MIAMI RIVER CANAL AT 138 ST.	CST	2005	PRIORITY I BY LRTP AMENDMENT
*	SW 157 AVE.	SW 112 to SW 152 ST.	2 TO 4 LANES		2010**	PRIORITY I BY LRTP AMENDMENT
*	SW 82 AVE.	SW 42 to SW 48 ST.	2 LANES		2010**	PRIORITY I BY LRTP AMENDMENT
*	EAST-WEST MULTIMODAL CORRIDOR	MIAMI TO MIAMI BEACH	PREMIUM TRANSIT		2010**	PRIORITY I BY LRTP AMENDMENT
*	NORTH MIAMI-DADE TRANSIT CORRIDOR	MLK TO BROWARD	PREMIUM TRANSIT		2010**	PRIORITY I BY LRTP AMENDMENT
*	EAST-WEST MULTIMODAL CORRIDOR	HEFT TO SEAPORT	PREMIUM TRANSIT		2010**	PRIORITY I BY LRTP AMENDMENT
4150511	HEFT	KENDALL to SR 836	WIDEN TO 8 LANES	PE	2007	PRIORITY I
4154871	HEFT	N OF EUREKA DR. to N OF SW 117 AVE.	WIDEN TO 8 LANES	PE	2008	PRIORITY I
4154881	HEFT	SW 216 ST. to N OF EUREKA DR.	WIDEN TO 8 LANES	PE	2008	PRIORITY I
4165901	SR 860 / MIAMI GARDENS DR.	W OF NW 87 AVE. to E OF NW 87 AVE.	4 TO 6 LANES	CST	2005	PRIORITY I***
4149641	SR 9A / I-95	S OF SR 836/I-395 to IVES DAIRY RD./NW 203 ST.	HOV TO HOV / HOT REVERSIBLE LANES	PDE	2006	PRIORITY IV

*FM# not yet assigned

**For air quality analysis purposes this project is assumed to be open to traffic by this landmark year

***Priority I by virtue of TIP status

Methodology

The methodology utilized for this task has been approved by the FDOT and the FHWA, as discussed at length in the Miami-Dade MPO Year 2025 LRTP Update and original air quality Conformity Determination Report (CDR) for the Year 2025 LRTP Update.² Copies of this report are available upon request.³

The emissions inventory was prepared using the Florida Standard Urban Transportation Model Structure (FSUTMS) process and MOBILE6, an air quality model prepared by USEPA. Both these models have been accepted by the USDOT and the USEPA. MOBILE6 is an accepted MOBILE emission model for emission analysis. Copies of the input stream printouts used for MOBILE6 are included as Appendix I.

Calibration of the EMIS Module

The process used to calibrate the EMIS module for FSUTMS follows several discrete steps as outlined below:

- Summarize HPMS VMT
- Summarize Weekly Factors for Peak Ozone Season
- Calculate Peak Ozone Season VMT
- Summarize Unadjusted EMIS.OUT VMT
- Calculate EMISFAC
- Input Updated EMISFAC to PROFILE.MAS, Re-run EMIS and Compare Model Output VMT to Peak Ozone Season VMT
- Summarize Validation Year Emissions Estimates
- Compare Model Results with Allowable Emissions Budgets from SIP

These steps must be completed each time the validated model is updated. The following tables summarize the results of the EMIS module calibration for the 1999 Miami-Dade Transportation Planning Model (MTPM).

Table 3: Step 1-Summarize Historical HPMS VMT to Check for Reasonableness

County	1990	1995	1996	1997	1998	1999
Miami-Dade	35,325,747	38,732,737	38,124,058	39,100,926	40,275,960	40,741,718

² The methodology utilized for the demonstration of conformity is outlined in Florida Department of Transportation TOPIC No. 525-010-014-g, *District Review of Conformity Determination*. This methodology is discussed in the CDR adopted with the Miami-Dade MPO Year 2025 LRTP Update on December 6, 2001 and revised air quality CDR approved by the MPO Governing Board on January 31, 2002.

³ Contact the Miami-Dade MPO at Stephen P. Clark Center, 111 N.W. 1st Street, Miami, FL 33128, telephone 305-375-4507, facsimile 305-375-4950 and e-mail Mike Moore at this address mmoore@co.miami-dade.fl.us.

Table 4: Step 2-Summarize FDOT 1999 Weekly Factor Category Report and Calculate Average Adjustment

Week	Dates	County North	County South	Average
23	05/30/99 - 6/05/99	1.01	0.99	1.00
24	06/06/99 - 6/12/99	1.01	0.99	1.00
25	06/13/99 - 6/19/99	1.02	0.99	1.01
26	06/20/99 - 6/26/99	1.01	1.00	1.01
27	06/27/99 - 7/03/99	1.01	1.00	1.01
28	07/04/99 - 7/10/99	1.01	1.00	1.01
29	07/11/99 - 7/17/99	1.01	1.01	1.01
30	07/18/99 - 7/24/99	1.00	1.01	1.01
31	07/25/99 - 7/31/99	1.00	1.01	1.01
32	08/01/99 - 8/07/99	1.00	1.01	1.01
33	08/08/99 - 8/14/99	0.99	1.01	1.00
34	08/15/99 - 8/21/99	0.99	1.01	1.00
35	08/22/99 - 8/28/99	1.00	1.02	1.01
Peak Ozone HPMS Factor		1.00	1.00	1.00

Table 5: Step 3-Convert Year 1999 AADT VMT to Peak Ozone Season VMT

County	HPMS VMT	Peak Ozone Factor	Peak Ozone Season VMT
Miami-Dade	40,741,718	1.00	40,741,718

Table 6: Step 4-Summarize Unadjusted 1999 Model Estimated VMT from EMIS.OUT (99a)

County	Validation EMIS.OUT VMT
Miami-Dade	42,630,212

Table 7: Step 5-Calculate EMISFAC

County	Target VMT (A)	Unadjusted Model VMT (B)	EMISFAC (A/B)
Miami-Dade	40,741,718	42,630,212	0.95570

Table 8: Step 6-Compare Adjusted 1999 Model Output VMT to Peak Ozone Season VMT

County	Adjusted Model Output VMT (A)	Target VMT (B)	Ratio (A/B)
Miami-Dade	40,741,644	40,741,718	1.00000

Table 9: Step 7-Prepare Year 1999 Emissions Summary

County	EMISFAC	Adjusted VMT	Adjusted VHT	VOC (tons)	CO (tons)	NOx (tons)
Miami-Dade	0.95570	40,741,644	1,915,769	86.62	728.49	106.67

Table 10: Step 8-Compare with Emissions Budget Summary from FDOT Topic 525-010-014-g

County	1990 HPMS VMT	1990 VOC	1990 NOx	2005 VOC Budget	2005 NOx Budget	2015 VOC Budget	2015 NOx Budget
Miami-Dade	35,184,445	156.60	117.70	74.6	127.5	74.6	127.5

Findings

Table 11 summarizes the projected reduction in VOCs and NO_x and demonstrates that implementation of the Miami-Dade MPO Year 2025 LRTP Update will contribute to annual emissions reductions when compared to the 1990 Emissions Inventory, and that the same is true for each analysis year and the horizon year.

Table 11: Miami-Dade MPO Year 2025 LRTP Update Demonstration of Conformity

Parameter	1999	2005	2015	2025
Population	2,130,700	2,316,900	2,626,800	2,969,200
VMT	40,741,600	44,223,700	50,401,600	60,034,100
NOx Emissions (tons/day)	106.67	97.61	40.08	24.61
NOx Budget (tons/day)	111.82	127.5	127.5	127.5
VOC Emissions (tons/day)	86.62	57.12	31.20	25.41
VOC Budget (tons/day)	148.77	74.6	74.6	74.6

The emissions budgets for the 1999, 2005, 2015 and 2025 models are identified in **Table 11** for comparison with projected emissions for 1999, 2005, 2015 and 2025. **Table 12** shows the Annual TIP/LRTP to 1990 Emission Inventory comparison.

Table 12: Annual TIP/LRTP Compared with 1990 Emission Inventory

Precursor	1999 Network	2005 Network	2015 Network	2025 Network
NOx Emissions (tons/day)	-11.03	-20.09	-77.62	-93.09
VOC Emissions (tons/day)	-69.98	-99.48	-125.40	-131.19

As illustrated in **Tables 11 and 12**, emissions expected from the implementation of this plan are consistent with the motor vehicle emissions budget established in the Air Quality Maintenance Plan for Miami-Dade County; emissions for each analysis year are less than the 1990 Emissions Inventory by a non-zero amount.

Emissions of VOCs are shown to be well below the emissions budget in all scenarios, including the 2005 Network in which emissions are 17.5 tons per day lower than the corresponding emissions budget. Emissions of NO_x are 29.9 tons per day below the level allowed by the 2005 Emissions Budget. Emissions generated by the network created for the Interim Year 2015 are also well below the corresponding emissions budget. Like the 2025 Cost Feasible Network, emissions for 2015 must be compared to those of the last year of the Emissions Budget (2005).

“Emissions in years for which consistency with motor vehicle emissions budgets must be demonstrated, as required in paragraph (c) of this section, may be determined by interpolating between the years for which the regional emissions analysis is performed.”

The Finding of Conformity for the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update is shown in **Appendix A**.

The Cross Reference Index for the Conformity Determination Report for the long range transportation plan update is included in **Appendix D** of this document.

Conformity of the TIP Statement

The Transportation Improvement Program (TIP) for Fiscal Years 2005 to 2009 is a subset of the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update, which is consistent with Section 176(c) of the Clean Air Act, supports the purpose of the State Implementation Plan (SIP) and was executed as outlined in the Memorandum of Agreement for Transportation Conformity and in FDOT Topic No. 525-010-014-g, *District Review of Conformity Determinations*, issued on July 9, 1998.

Disclosure of Regionally Significant Projects

The MPO polls the members of the Technical Coordinating Committee (TCC) annually for the disclosure of privately funded transportation projects that have not been

previously disclosed. The TCC is required to determine if these projects are of regional significance. Regionally significant projects are then added to the appropriate network and included in the regional emissions analysis for the determination of conformity. MPO staff will repeat this request throughout the year.

Appendix A

Finding of Conformity

Finding of Conformity

Miami-Dade MPO Year 2025 Long Range Transportation Plan Update (as approved)

This regional emissions analysis has demonstrated that the approved Miami-Dade MPO Year 2025 Long Range Transportation Plan Update conforms to the provisions of Section 176(c) of the Clean Air Act Amendments of 1990, supports the purpose of the State Implementation Plan (SIP) and was executed as outlined in the Memorandum of Agreement for Transportation Conformity and the FDOT Topic Number 525-010-014-g. District Review of Conformity Determinations, issued on July 9, 1998.

The Miami-Dade MPO Year 2025 Long Range Transportation Plan Update is fiscally constrained as well as conforming and supports the SIP's purpose of eliminating or reducing the severity and number of violations of the National Ambient Air Quality Standards (NAAQS) and achieving expeditious attainment of such standards. It has been determined that it will not:

- (i) cause or contribute to any new violation of any standard in the area;
- (ii) increase the frequency or severity of any existing violations or any standard in any area; or
- (iii) delay timely implementation of any standard or any required interim emission reduction or other milestone in any area.

The regional emission analysis had demonstrated that emissions in each analysis year (1999, 2005, 2015, and 2025) are less than or equal to the vehicle emissions budget adopted in the Air Quality Maintenance Plan for Miami-Dade County and in the related SIP Revision, for the corresponding year. This emission budget meets the analysis requirement of 40 CFR 93.118.

The Miami-Dade MPO Year 2025 Long Range Transportation Plan Update meets the content requirements of 40 CFR 93.106, and reflects the most recent estimates of emissions based on the most recent populations, employment, travel and congestion as determined by the Miami-Dade Metropolitan Planning Organization. The travel demand model and MOBILE emissions utilized in development of both the plan and this conformity determination are those approved by the FDOT, Federal Highway Administration, Federal Transit Administration and United States Environmental Protection Agency.

Appendix B



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

MAR 13 2002

4APT-APB

James E. St. John
Division Administrator
Federal Highway Administration
Florida Division
227 N. Bronough Street, Suite 2015
Tallahassee, FL 32301

Dear Mr. St. John:

This is in response to your letter dated January 16, 2002, requesting our review of the Long Range Transportation Plan (LRTP) conformity determinations for Palm Beach and Broward Counties and a subsequent letter regarding the Dade County LRTP. My staff reviewed the conformity determination reports and the LRTP and we offer the following comments.

General

- The plans reference that they are reaffirming the Transportation Improvement Plan (TIP), but we did not receive a TIP as part of the submission. As such, these comments are based on the LRTP alone. Since we did not compare the TIP to the LRTP we are deferring to your office for determination that determining conformity of the reaffirmed TIP.
- There is very little evidence of any interagency consultation in either plan. Interagency consultation is a requirement of the conformity regulation and is beneficial to the planning process. We request that you encourage both MPOs to better document consultation in the future.

Palm Beach County

- We received amended pages relating to the MOBILE5 inputs and the output values for VOC. These amendments correct previous errors.
- We concur with the conformity determination which indicates that Palm Beach County meets conformity LRTP.

Broward County

- We concur with the conformity determination report which indicates that Broward County meets conformity on the LRTP.

Internet Address (URL) = <http://www.epa.gov>

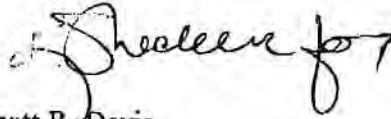
Recycled/Recyclable • Printed with Vegetable Oil Based Inks on Recycled Paper (Minimum 30% Postconsumer)

Dade County

We concur with the conformity determination report which indicates that Dade County meets conformity on the LRTP.

Again, since we did not receive the reaffirmed TIPs, we are deferring to your office on whether the TIPs are subsets of the LRTP. If you have any questions, please contact Alan Powell at 404/562-9045.

Sincerely,



Scott R. Davis,
Chief

Air Quality Modeling and Transportation Section

cc: Richard McElveen, FDEP

To: Sabrina David

From: Alan Powell



U. S. DEPARTMENT OF TRANSPORTATION

Federal Highway Administration
Florida Division
227 N. Bronough Street, Suite 2015
Tallahassee, Florida 32301
(850) 942-9650



March 14, 2002

IN REPLY

REFER TO: HPR-FL

Honorable Gwen Margolis, Chairperson
Miami-Dade Metropolitan Planning Organization
Stephen P. Clark Center
111 NW First Street, Suite 910
Miami, Florida 33128

RECEIVED
MAR 20 2002

COUNTY MANAGER'S OFFICE
MPO SECRETARIAT

Dear Honorable Margolis:

Subject: Federal Highway Administration/Federal Transit Administration
(FHWA/FTA) Transportation Conformity Determination of the Miami-Dade Metropolitan Planning Organization's (MPO's) Year 2025 Long-Range Transportation Plan (LRTP) Update and Fiscal Year (FY) 2001/2002 – 2005/2006 Transportation Improvement Program (TIP)

The following is in response to the Miami-Dade MPO's recent development and adoption of its Year 2025 LRTP Update. Upon our review of the subject documentation, the FHWA/FTA hereby determine that the MPO's Year 2025 LRTP Update and FY 2001/02 – 2005/06 TIP satisfactorily address the requirements of 23 U.S.C. 134, 49 U.S.C. 5303, 23 CFR Part 450 (Subpart C), and 49 CFR Part 613 (Subpart C). Moreover, following coordination with the Regional Office of the U.S. Environmental Protection Agency (EPA), we hereby determine that the *Cost Feasible Element* of the MPO's Year 2025 LRTP Update conforms with the air quality State Implementation Plan pursuant to Section 176(c) of the 1990 Clean Air Act Amendments and 40 CFR Parts 51 and 93. A copy of the EPA's recent concurrence letter is enclosed for your information.

The MPO and the area's various transportation-planning partners (e.g., the Florida Department of Transportation, Miami-Dade Transit Agency, the Florida Department of Environmental Protection, and the Miami-Dade County Department of Environmental Protection Agency) are commended for the

Honorable Gwen Margolis, Chairperson
March 14, 2002

2

continued efforts to cooperatively improve the quality of the area's planning process and resulting products, including the Year 2025 LRTP Update. Please note that the LRTP must be updated at least every three years by MPOs located in air quality "nonattainment" and "maintenance" areas.

Sincerely,

A handwritten signature in dark ink, appearing to read "James E. St. John". The signature is fluid and cursive, with the first name being the most prominent.

For: James E. St. John
Division Administrator

Enclosure

cc: Mr. José Abreu, FDOT (District 6), w/enclosure
Ms. Ysela Llort, FDOT (MS-57), w/enclosure
Mr. Howard Glassman, MPOAC (MS-28B), w/enclosure
Mr. Jerry Franklin, FTA (Region 4), w/enclosure
Ms. Kay Prince, EPA (Region 4)

Appendix C

Conformity of TIP

Conformity of the TIP

The Transportation Improvement Program (TIP) for Fiscal Years 2005 through 2009 is a subset of the Amended Miami-Dade Urban Area Transportation Study 2025 Update, which is consistent with Section 176 (c) of the Clean Air Act, supports the purpose of the State Implementation Plan and was executed as outlined in the Memorandum of Agreement for Transportation Conformity and in FDOT Topic No. 525-010-014-g. District Review of Conformity Determinations, issued on July 9, 1998.

Appendix D

Cross Reference Index for LRTP CDR

Name of MPO: Metropolitan Planning Organization for the Miami Urbanized Area

ITEM NO.	Requirement	Page Number
1	A copy of the MPO's finding of conformity on the transportation plan is included	i
2	An emissions reduction summary table such as Appendix 8 of this procedure is included	19
3	The report demonstrates that the implementation of the transportation plan will contribute to annual emission reductions when compared to the 1990 base year network, and that the same is true for each analysis or horizon year. The horizon years were selected by the MPO through the Consultation Process.	2
4	The report documents that the transportation plan is in conformance with the SIP, the CAA, and the transportation conformity regulation, the metropolitan planning regulation, and other applicable and state requirements.	2
5	The report states that the transportation plan is financially constrained.	3
6	The dates the MPO's Technical and Citizens' Advisory Committees (TAC and CAC, respectively) reviewed the conformity finding, and the date the MPO adopted the transportation plan and its Conformity Determination Report, are indicated.	3
7	The MPO has documented that the contents of the transportation plan meet the requirements of 40 CFR 93.106	4
8	The emissions expected from the implementation of the transportation plan are consistent with the motor vehicle emissions budgets for the MPO shown in the approved maintenance plan; emissions for each horizon year are less than the 1999 base year inventory by any non-zero amount.	4
9	The date the area was redesignated to attainment by EPA is shown.	4
10	The transportation plan conforms to the purpose of the SIP by eliminating or reducing the severity and number of violations of NAAQS and achieving expeditious implementation of such standards.	4
11	Page numbers in the transportation plan where financially funded Transportation Control Measure (TCM)-type strategies, programs, and projects, including CMAQ projects, as applicable, are identified	5
12	The dates that FHWA/FTA made finding of conformity on the previous TIP and the TIP was approved by the Secretary of FDOT as shown.	5
13	The report identifies significant issues raised verbally or in writing at, or subsequent to, the TAC meeting by state or local air quality agencies, and how the MPO addressed such concerns; or, the report states that no significant comments were received.	6

Name of MPO: Metropolitan Planning Organization for the Miami Urbanized Area

ITEM NO.	Requirement	Page Number
14	Relevant interagency and/or interlocal agreements necessary to implement the conformity process are documented, and the parties to the agreements and the dates executed are cited.	6
15	The MPO has documented how data collection, analysis, and development of the transportation plan was coordinated with the other MPOs in the same airshed (if applicable), and how the interagency consultation process was implemented to ensure consistency between emissions and conformity analyses.	6
16	The plan documents that the emissions budgets used in the conformity analysis are those contained in the SIP's approved maintenance plan, and the conformity analysis meets the analysis requirements of 40 CFR 93.118.	6
17	The long-range plan describes the future transportation system specifically enough to allow a determination of conformity.	7
18	The public involvement process is fully documented. If documented in the transportation plan rather than the plan's Conformity Determination Report, indicate the page number.	7
19	The MPO consulted with FDOT, FDEP, the local air quality program, transit providers, and local transportation agencies before adopting the transportation plan Conformity Determination Report. The date the public comment period began and the date the draft plan and CDR were provided to the public and agencies for review indicated.	7
20	The CDR documents whether significant changes were made in the conformity analysis after TAC review, indicates the purpose of the changes, the agencies consulted, the consultation process undertaken, and the outcome.	8
21	The report includes the MPO's written response to all significant (non-editorial) concerns of the state and local air quality agencies, whether such concerns were stated verbally or in writing.	8
22	The CDR explains how models to be used in the regional emissions analysis were evaluated and selected by the MPO through the consultation process.	8
23	If applicable, the MPO has documented that minor arterials and other transportation projects were determined through the consultation process to be regionally significant, and therefore subject to conformity analysis.	8
24	Projects identified through the consultation process that underwent a significant change in design concept and scope from the previous conforming transportation plan	8

Name of MPO: Metropolitan Planning Organization for the Miami Urbanized Area

ITEM NO.	Requirement	Page Number
25	The CDR documents methodology and emissions reductions resulting from TCMs and TSMs in the plan; the CDR documents whether certain exempt projects were evaluated to determine if they should be treated as non-exempt because of potential adverse impacts on air quality, if applicable.	8
26	The CDR documents that all parties to the consultation process were notified by the MPO when revisions or amendments to the transportation plan and TIP added or deleted exempt projects, and the dates of such notification, as applicable.	8
27	The CDR documents that the EPA-approved emissions model was used, coordinated with FSUTMS and EMIS, and the use of other models was coordinated with FDOT, FHWA, DEP, and other parties	9
28	The sources of the most recent planning assumptions, derived from the estimates of current and future population, employment, travel, and congestion are documented.	9
29	The assumptions made about transit services and increases in transit fares, and road and bridge tolls over time are indicated.	10
30	All projects for each of the transportation plan's horizon years (including exempt projects) are listed, and the WPI numbers are indicated	10
31	The report explains (as applicable) how the travel demand model VMT used as the basis for the 1999 base year emissions inventory has been adjusted to HPMS VMT and shows the results of the analysis.	10
32	Copies of the input files for the MOBILE model and the EMIS output files are included.	10
33	Projects exempt from the regional emissions analysis are highlighted in the project listings, or shown on a separate table.	10
34	Projects that have not completed a major step as defined in 40 CFR §51.394(c) are highlighted in the project listings, or shown on a separate table.	10
35	Off-model methodologies used to estimate emissions reductions from projects and programs not reflected in the transportation model are fully documented and each project or program is fully described.	11
36	The VMT from projects which are not regionally significant have been estimated in accordance with reasonable professional practice.	11

Appendix E

2005 TIP Newspaper Clips



FATIGE AK TOUT TRAKA SIKILAYON MALOUK?

ÈDE RETIRE MALOUK LA LADAN LI

Vini an Pèsòn Oswa konekte sou Televizyon Miami-Dade
Rèyini Ansanm Ak Vwazen Nou Yo Pa telefòn, Faks, oswa Imel
Pou Yon Reyinyon Patisipasyon An Dirèk Sou
Pwogram Amelyorasyon Transpòtasyon (TIP)
ak Plan Transpòtasyon A Lon Tèm (LRTP)

Nou bezwen pawòl pa nou nan koze an!

Mèkredi, 24 Mas 2004

6:00 p.m. a 8:00 p.m.

Sal Konferans Komisyon (BCC Chambers)

Stephen P. Clark Center

111 N.W. 1 Street



- RELE (305) 375-1843
- E-MAIL mpo@miamidade.gov
- FAKS (305) 375-4950

PATWONE PA KOMITE KONSÉY SITWAYEN POU TRANSPÒTASYON (CTAC),
KOMITE KONSÉY BISIKLÈT AK MOUN APYE (BPAC) AK KOMITE REVIZYON ESTETIK TRANSPÒTASYON (TARC)
YON KOPI TIP A DISPONIB POU NOU WÈ OSWA TELECHAJE SOU WWW.MIAMIDADE.GOV/MPD

download the bid package (s) free of charge, from our Website (www.miami-dade.gov/dpm/) under " Solicitations Online ". Bid/proposals must be submitted in a sealed envelope or container and will be opened promptly at the submittal deadline. Bids/proposals received after the first bid/proposal envelope or container has been opened will not be opened or considered. The responsibility for submitting a bid proposal to Miami-Dade County on or before the stated time and date, is solely and strictly the responsibility of the bidder. Miami-Dade County is not responsible for delays caused by any mail, package or courier service, including the U.S mail, or caused by any other Bid proposals from prospective vendors must be received in the Clerk of the Board Office located at 111NW 1st Street, 17th Floor, Suite 202, Miami, Fl 33128, by no later than 2:00PM on the bid opening date in order to be considered. This bid solicitation is subject to the " Cone of Silence " in accordance with County Ordinance No.98-106.

**The following bid (s) will open at 2:00 PM on
Wednesday April 07, 2004**

1767-WS AIR COMPRESSORS,TRAILER Cost \$10.00
MOUNTED (250 SCFM MODEL)

6740-2/07-0TR RECORD STORAGE CONTAINERS Cost \$10.00
WITH DETACHABLE LIDS
The contract includes Bid Preference
Provisions for Certified
Black Business Enterprises (BBE'S).

7587-0/09 BLOWERS (Industrial type), Cost \$10.00
EXHAUST FANS, AIR CURTAINS
& ACCESSORIES

7590-3/08.ORT LANDSCAPING & LAWN Cost \$10.00
MAINTENANCE SERVICE
For Human Services Departement.

This contract requires Insurance.

A pre-bid conference will be
held on Tuesday March 23, 2004
at 10:00 AM at the Opalocka
Center located at 16405 NW 25th Avenue,
Miami, Fl. Attendance is mandatory.

For specific sites, dates & start locations please
see paragraph 2-8 on the Special
Conditions of the Bid Package.

Haiti en Marche Vol XV No. 7
Jeudi 17 Mars 2004



FATIGE AK TOUT TRAKA SIKILAYON MALOUK?

EDE RETIRE MALOUK LA LADAN LI

**Vini an Pèsòn Oswa konekte sou Televizyon Miami-Dade
Reyini Ansanm Ak Vwazen Nou Yo Pa telefòn, Faks, oswa Imel
Pou Yon Reyinyon Patisipasyon An Dirèk Sou
Pwogram Amelyorasyon Transpòtasyon (TIP)
ak Plan Transpòtasyon A Lon Tèm (LRTP)**

Nou bezwen pawòl pa nou nan koze an!

Mèkredi, 24 Mas 2004

6:00 p.m. a 8:00 p.m.

Sal Konferans Komisyon (BCC Chambers)

Stephen P. Clark Center

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YON KOPI TIP A DISPONIB POU NOU WÈ OSWA TELECHAJE SOU WWW.MIAMIDADE.GOV/MP0

cord

and ended up forcing me to spend money on weapons that don't fill a vital need in these times of tight budgets and new requirements."

He was particularly critical of members of Congress who engage in pork barrel politics by pressuring the Defense Department to move forward on the development of the M-1 tank and the F-14 and F-16 fighters and other weapons that "we have enough of."

Although military spending represents only 20 percent of the federal budget, it eats up approximately half of all federal discretionary spending.

With so much being spent on the military, growing federal deficits fueled by tax cuts that primarily benefits the wealthy, Bush is particularly vulnerable on domestic issues. A recent USA Today/CNN poll shows Kerry leading Bush 52 percent to 44 percent, largely because the public believes Kerry will do a better job of handling such issues as the economy, health care, education and Social Security. Bush's overall rating in the USA Today poll was 49 percent, matching his lowest rating in late January.

Republicans plan to spend \$133 million over the next few months to "redefine" Senator Kerry. If this is typical of the way they plan to do that, they are not trying to "redefine" Kerry, they are trying to mis-define him.



Tired of the Traffic Tie-up?

HELP UNDO THE KNOT

Come In Person Or Tune Into Miami-Dade Television (Ch. 34, or check your cable system for channel)

Join Your Neighbors By Phone, Fax or E-mail

For A Live Interactive Meeting On The Transportation Improvement Program (TIP) and the Long Range Transportation Plan (LRTP).

WE NEED YOUR INPUT!

Wednesday, March 24, 2004

6:00 p.m. to 8:00 p.m.

Commission Chambers (Downtown Miami)

Stephen P. Clark Center

111 N.W. 1 Street



- CALL (305) 375-1843
- E-MAIL mpo@miamidade.gov
- FAX (305) 375-4950

CO-HOSTED BY CITIZENS TRANSPORTATION ADVISORY COMMITTEE (CTAC), BICYCLE PEDESTRIAN ADVISORY COMMITTEE (BPAC) & TRANSPORTATION AESTHETICS REVIEW COMMITTEE (TARC). A DRAFT OF THE TIP MAY BE VIEWED AND/OR DOWNLOADED AT www.miamidade.gov/mpo

Walgreens

Sale Thursday, March 18 thru Saturday, March 20, 2004

and much more!



Walgreens Coupon

Sale Thurs. 3/18 thru Sat. 3/20/04



Tired of the Traffic Tie-up?

HELP UNDO THE KNOT

**Come In Person Or Tune Into Miami-Dade Television
(Ch. 34, or check your cable system for channel)**

Join Your Neighbors By Phone, Fax or E-mail

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REVIEW COMMITTEE (TARC). A DRAFT OF THE TIP MAY BE VIEWED AND/OR
DOWNLOADED AT www.miamidade.gov/mpo

The Miami Herald
The Herald BROWARD

el Nuevo Herald

PUBLISHED DAILY

MIAMI, FLORIDA

STATE OF FLORIDA
COUNTY OF DADE

Before the undersigned authority personally appeared:

Sonia Correa

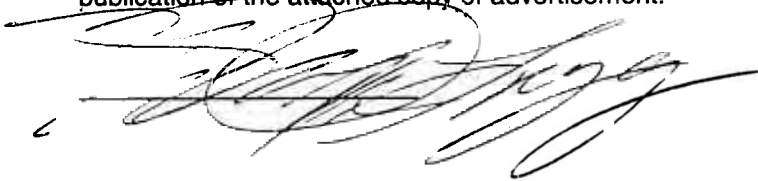
who on oath says that she is an

Account Executive

of The Miami Herald, a daily newspaper published at Miami in Dade County, Florida; that the advertisements for **Miami-Dade County** appeared in said newspaper in the issues of:

Beach Neighbors, March 21st, 2004, Pg. 29SO

Affidavit further says that the said Miami Herald is a newspaper published at Miami, in the said Dade County, Florida and that the said newspaper has heretofore been continuously published in said Dade County, Florida, each day and has been entered as second class mail matter at the post office in Miami, in said Dade County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement.



Norma M Lugg
My Commission DD077077
Expires March 5, 2006

Sworn to and subscribed before me

This 22nd day of March, 2004

The Miami Herald
The Herald BROWARD

el Nuevo Herald

PUBLISHED DAILY

MIAMI, FLORIDA

STATE OF FLORIDA
COUNTY OF DADE

Before the undersigned authority personally appeared:

Sonia Correa

who on oath says that she is an

Account Executive

of The Miami Herald, a daily newspaper published at Miami in Dade County, Florida; that the advertisements for **Miami-Dade County** appeared in said newspaper in the issues of:

El Nuevo Herald, March 21st, 2004, Pg. 22A

Affidavit further says that the said Miami Herald is a newspaper published at Miami, in the said Dade County, Florida and that the said newspaper has heretofore been continuously published in said Dade County, Florida, each day and has been entered as second class mail matter at the post office in Miami, in said Dade County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement.



Norma M Lugg
My Commission DD077077
Expires March 5, 2006

Sworn to and subscribed before me

This 22nd day of March, 2004

The Miami Herald
The Herald BROWARD

el Nuevo Herald

PUBLISHED DAILY

MIAMI, FLORIDA

STATE OF FLORIDA
COUNTY OF DADE

Before the undersigned authority personally appeared:

Sonia Correa


who on oath says that she is an

Account Executive

of The Miami Herald, a daily newspaper published at Miami in Dade County, Florida; that the advertisements for **Miami-Dade County** appeared in said newspaper in the issues of:

Beach Neighbors, March 21st, 2004, Pg. 20MB
North Neighbors, March 21st, 2004, Pg. 18N
North Central Neighbors, March 21st, Pg. 12NC
North West Neighbors, March 21st, Pg. 12NW
East Neighbors, March 21st, 2004, Pg. 10E
West Neighbors, March 21st, 2004, Pg. 17W
South Neighbors, March 21st, 2004, Pg. 29SO

Affidavit further says that the said Miami Herald is a newspaper published at Miami, in the said Dade County, Florida and that the said newspaper has heretofore been continuously published in said Dade County, Florida, each day and has been entered as second class mail matter at the post office in Miami, in said Dade County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement.



Sworn to and subscribed before me

This 31st day of March, 2004



Carolyn Mason
MY COMMISSION # DD148187 EXPIRES
September 6, 2006
BONDED THRU TROY FAIN INSURANCE, INC.



¿Cansado de las congestiones del tránsito?

**Contribuya a acabar con
los "tranques"**

**Acuda en persona o sintonice a Miami-Dade Televisión
(Canal 34 o averigüe el número para el canal en
su sistema de televisión por cable)**

**Únase a sus vecinos por teléfono, fax o correo
electrónico en una reunión interactiva en vivo del
Programa de Obras en el Transporte (TIP, sus siglas en
Inglés) y el Plan de Transporte a Largo Plazo (LRTP)**

¡NECESITAMOS SU PARTICIPACIÓN!

**El miércoles 24 de marzo del 2004
de 6:00 p.m a 8:00 p.m.**

**en el auditorio de la Junta de Comisionados
del Condado ("downtown" de Miami)**

Centro Stephen P. Clark, 111 NW 1ra Calle



Haga saber su parecer
POR TELÉFONO AL (305) 375-1843
POR CORREO ELECTRÓNICO AL:
mpo@miamidade.gov
POR FAX AL (305) 375-4950

TAMBIÉN AUSPICIAN EL COMITÉ CÍVICO CONSULTIVO DE TRANSPORTE (CTAC, su sigla en inglés), EL COMITÉ CONSULTIVO PARA CICLISTAS Y PEATONES (BPAC, su sigla en inglés) y el COMITÉ DE REVISIÓN ESTÉTICA DEL TRANSPORTE (TARC, su sigla en inglés) PARA VER O BAJAR LA PROPUESTA PARA EL TIP. ACUDA A WWW.MIAMIDADE.GOV/IMPO

Appendix F

2005 TIP TPC Resolution IV

TPC RESOLUTION # 25-04

**RESOLUTION RECOMMENDING APPROVAL OF THE FY
2005-2009 TRANSPORTATION IMPROVEMENT PROGRAM
AND CERTIFYING COMPLIANCE WITH CLEAN AIR ACT
AMENDMENTS OF 1990**

WHEREAS, the Interlocal Agreement creating and establishing the Metropolitan Planning Organization (MPO) for the Miami Urbanized Area requires that the MPO provide a structure to evaluate the adequacy of the transportation planning and programming process, and

WHEREAS, the Transportation Planning Council (TPC) has been established and charged with the responsibility and duty of fulfilling the aforementioned functions, and

WHEREAS, the Clean Air Act Amendments require areas designated as nonattainment or maintenance by the Environmental Protection Agency to comply with certain regulations to determine conformity of the Long Range Plans and Transportation Improvement Programs to the State Implementation Plan (SIP); and

WHEREAS, Miami-Dade County was designated as a Maintenance Area for Ozone NAAQS by the Environmental Protection Agency on April 25, 1995; and

WHEREAS, Section 176(c)(3) of the Clean Air Act Amendments states that "No department, agency, or instrumentality of the Federal Government shall engage in, support in any way, or provide financial assistance for, license or permit, or approve any activity which does not conform to the SIP after it has been approved and promulgated under Section 110; and

WHEREAS, no Metropolitan Planning Organization designated under Section 134 of Title 23 U.S.C. shall give its approval to any project, program, or plan which does not conform to an Implementation Plan promulgated under Section 110; and

WHEREAS, pursuant to 40 CFR Part 93.102(b)(3), the federal conformity rules apply to maintenance areas for 20 years from the date EPA approves the area's request under Section 107(d) of the Clean Air Act for redesignation for attainment; and

WHEREAS, pursuant to 40 CFR Part 93.104(c)(1) a new TIP must be demonstrated to conform before the TIP is approved by the MPO or accepted by Florida Department of Transportation (FDOT), and

WHEREAS, the FDOT and the Florida Department of Environmental Protection (FDEP) have provided guidance on determining conformity of transportation plans, programs, and projects with the State Implementation Plan, and determined that Transportation Control Measures are not included as a requirement of the State Implementation Plan for the maintenance period, under Section 176(c) of the Clean Air Act; and

WHEREAS, a conformity determination was conducted for the Year 2025 Long Range Transportation Plan through an emissions analysis of planning horizons and budget years of the Plan, using the new Motor Vehicle Emission Budgets (MVEB) in the updated Maintenance Plan of the revised State Implementation Plan (SIP), and it was found to conform, as required by 40 CFR 93.104 of the Transportation Conformity rule, and

WHEREAS, the conformity determination report supporting the finding of conformity for the cost feasible alternative of the 2025 Long Range Transportation Plan was revised to reflect updated information; and

WHEREAS, the revised conformity determination report also demonstrates the conformity of the Transportation Improvement Plan for the FY 2004/05 –FY2008/09; and

WHEREAS, on February 4, 2004 the MPO opened a public comment period on the draft TIP and conformity determination report, and continued the comment period through the public hearing held on May 27, 2004.

WHEREAS, Federal and State regulations require that the MPO annually adopt a Transportation Improvement Program (TIP) that implements the Transportation Plan for the Miami Urbanized Area, and complies with the Clean Air Act Amendment of 1990, and

WHEREAS, the TPC has reviewed the Draft FY 2004/05 –FY2008/09 TIP and has found that the project are in accordance with the goals and objectives of the Transportation Plan for the Miami Urbanized Area.

NOW, THEREFORE, BE IT RESOLVED BY THE TRANSPORTATION PLANNING COUNCIL OF THE METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI URBANIZED AREA:

SECTION 1. That the Miami-Dade Metropolitan Planning Organization endorses the revised air quality conformity determination report (CDR) and reaffirms the conformity of the 2025 Long Range Transportation Plan,

SECTION 2. That the Transportation Improvement Program for the FY 2004/05 –FY2008/09 is a subset of the conforming cost feasible alternative of the 2025 Long Range Transportation Plan and conforms to the State Implementation Plan.

SECTION 3. That the Transportation Improvement Program for the FY 2004/05 –FY2008/09, as a subset of the conforming cost feasible alternative of the 2025 Long Range Plan, and its air quality CDR is hereby recommended for approval to the MPO Governing Board.

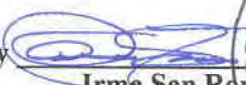
The foregoing resolution was offered by Mr. Servando Parapar who moved its adoption. The motion was seconded by Mr. George Navarrete, and upon being put to a vote, the vote was as follows:

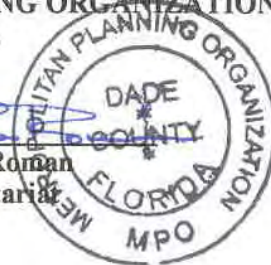
Jose-Luis Mesa, Chairman	-Aye	Diane O'Quinn-Williams	-Aye (S. Basu)
Fred H. Beckman	-Absent	Servando M. Parapar	-Aye
Roosevelt Bradley	-Aye (G. Navarrete)	Clarence Patterson	-Aye (J. Geimer)
Gary Brown	-Aye (G. Wohlforth)	John Renfrow	-Aye (D. Yoder)
Mary H. Conway	-Aye	Jonathan Roberson	-Aye
Gary Donn	-Absent	Javier Rodriguez	-Aye
Angela Gittens	-Absent	Ari Rivera	-Aye
Jorge E. Hernandez	-Aye	Charles A. Towsley	-Aye (B. Owen)
Bruce Offord	-Aye	Vivian G. Villaamil	-Aye

The Chairperson thereupon declared the resolution duly passed and approved this 10th day of May, 2004.

**METROPOLITAN PLANNING ORGANIZATION
M.P.O.**

By


Irma San Roman
TPC Secretary



Appendix G

MPO Resolution Approving TIP

MPO RESOLUTION # 25-04

**RESOLUTION APPROVING THE FY 2005-2009 TRANSPORTATION
IMPROVEMENT PROGRAM AND CERTIFYING COMPLIANCE WITH
CLEAN AIR ACT AMENDMENTS OF 1990 AS AMENDED**

WHEREAS, the Interlocal Agreement creating and establishing the Metropolitan Planning Organization (MPO) for the Miami Urbanized Area requires that the MPO provide a structure to evaluate the adequacy of the transportation planning and programming process, and

WHEREAS, the Transportation Planning Council has been established and charged with the responsibility and duty of fulfilling the aforementioned functions, and

WHEREAS, the Clean Air Act Amendments require areas designated as nonattainment or maintenance by the Environmental Protection Agency to comply with certain regulations to determine conformity of the Long Range Transportation Plans and Transportation Improvement Programs to the State Implementation Plan (SIP); and

WHEREAS, Miami-Dade County was designated as a Maintenance Area for Ozone NAAQS by the Environmental Protection Agency on April 25, 1995; and

WHEREAS, Section 176(c)(3) of the Clean Air Act Amendments states that "No department, agency, or instrumentality of the Federal Government shall engage in, support in any way, or provide financial assistance for, license or permit, or approve any activity which does not conform to the SIP after it has been approved and promulgated under Section 110; and

WHEREAS, no Metropolitan Planning Organization designated under Section 134 of Title 23 U.S.C. shall give its approval to any project, program, or plan which does not conform to an Implementation Plan promulgated under Section 110; and

WHEREAS, pursuant to 40 CFR Part 93.102(b)(3), the federal conformity rules apply to maintenance areas for 20 years from the date EPA approves the area's request under Section 107(d) of the Clean Air Act for redesignation for attainment; and

WHEREAS, pursuant to 40 CFR Part 93.104(c)(1) a new TIP must be demonstrated to conform before the TIP is approved by the MPO or accepted by Florida Department of Transportation (FDOT), and

WHEREAS, the FDOT and the Florida Department of Environmental Protection (FDEP) have provided guidance on determining conformity of transportation plans, programs, and projects with the State Implementation Plan, and determined that Transportation Control Measures are not included as a requirement of the State Implementation Plan for the maintenance period, under Section 176(c) of the Clean Air Act; and

WHEREAS, a conformity determination was conducted for the Year 2025 Long Range Transportation Plan through an emissions analysis of planning horizons and budget years of the Plan, using the new Motor Vehicle Emission Budgets (MVEB) in the updated Maintenance Plan of the revised State Implementation Plan (SIP), and it was found to conform, as required by 40 CFR 93.104 of the Transportation Conformity rule, and

WHEREAS, the conformity determination report supporting the finding of conformity for the cost feasible alternative of the 2025 Long Range Transportation Plan was revised to reflect updated information; and

WHEREAS, the revised conformity determination report also demonstrates the conformity of the Transportation Improvement Plan for the FY 2004/05 -FY2008/09; and

WHEREAS, on February 4, 2004 the MPO opened a public comment period on the draft TIP and conformity determination report, and continued the comment period through the public hearing held on May 27, 2004.

WHEREAS, Federal and State regulations require that the MPO annually adopt a Transportation Improvement Program (TIP) that implements the Transportation Plan for the Miami Urbanized Area, and complies with the Clean Air Act Amendment of 1990, and

WHEREAS, the TPC has reviewed the Draft FY 2004/05 –FY2008/09 TIP and has found that the project are in accordance with the goals and objectives of the Transportation Plan for the Miami Urbanized Area.

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI URBANIZED AREA:

SECTION 1. That the Miami-Dade Metropolitan Planning Organization endorses the revised air quality conformity determination report (CDR) and reaffirms the conformity of the 2025 Long Range Transportation Plan,

SECTION 2. That the Transportation Improvement Program for the FY 2004/05 –FY2008/09 is a subset of the conforming cost feasible alternative of the 2025 Long Range Transportation Plan and conforms to the State Implementation Plan.

SECTION 3. That the MPO Board amended the proposed TIP to remove NW 87th Avenue at 154th Street to 186th Street Project from the Road Impact Fee Section of the TIP and place it in the People Transportation Plan Section of the TIP.

SECTION 4. That the MPO Board amended the TIP to reflect the resolution deleting MDX Project number XA2001 Central Parkway from the FY 2004 TIP.

SECTION 5. That the amended Transportation Improvement Program for the FY 2004/05 – FY2008/09, as a subset of the conforming cost feasible alternative of the 2025 Long Range Plan, and its air quality CDR is hereby recommended for approval to the MPO Governing Board.

The foregoing resolution was offered by Board Member Javier D. Souto who moved its adoption. The motion was seconded by Board Member Bruno Barreiro, and upon being put to a vote, the vote was as follows:

Board Member Bruno A. Barreiro	-Aye	Board Member Raul L. Martinez	-Aye
Board Member Joe J. Celestin	-Absent	Board Member Jimmy L. Morales	-Absent
Board Member Jose "Pepe" Diaz	-Absent	Board Member Dennis C. Moss	-Aye
Board Member Manuel A. Diaz	-Aye	Board Member Dorrin Rolle	-Aye
Board Member Betty T. Ferguson	-Aye	Board Member Natacha Seijas	-Aye
Board Member Shirley M. Gibson	-Aye	Board Member Darryl K. Sharpton	-Absent
Board Member Perla T. Hantman	-Aye	Board Member Jose Smith	-Aye
Board Member Sally A. Heyman	-Absent	Board Member Katy Sorenson	-Absent
Board Member William H. Kerdyk	-Absent	Board Member Rebeca Sosa	-Absent
Board Member M. Ronald Krongold	-Aye	Board Member Javier D. Souto	-Aye
Board Member Joe A. Martinez	-Absent	Chairperson Barbara M. Carey-Shuler	-Aye

The Chairperson thereupon declared the resolution duly passed and approved this 27TH day of May, 2004.

METROPOLITAN PLANNING ORGANIZATION
M.P.O.

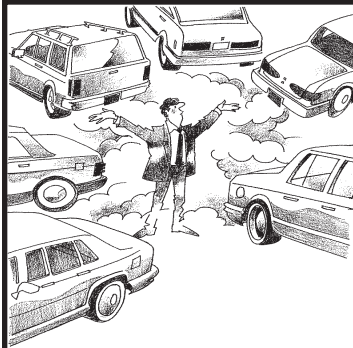
By

Jose-Luis Mesa
MPO Secretariat



Appendix H

Public Involvement Efforts



Tired of the Traffic Tie-up?

HELP UNDO THE KNOT

**Come In Person Or Tune Into Miami-Dade Television
(Ch. 34, or check your cable system for channel)**

Join Your Neighbors By Phone, Fax or E-mail

**For A Live Interactive Meeting On The
Transportation Improvement Program (TIP) and
the Long Range Transportation Plan (LRTP).**

WE NEED YOUR INPUT!

Wednesday, March 24, 2004

6:00 p.m. to 8:00 p.m.

Commission Chambers (Downtown Miami)

Stephen P. Clark Center

111 N.W. 1 Street



- CALL (305) 375-1843
- E-MAIL mpo@miamidade.gov
- FAX (305) 375-4950

CO-HOSTED BY CITIZENS TRANSPORTATION ADVISORY COMMITTEE (CTAC), BICYCLE
PEDESTRIAN ADVISORY COMMITTEE (BPAC) & TRANSPORTATION AESTHETICS
REVIEW COMMITTEE (TARC). A DRAFT OF THE TIP MAY BE VIEWED AND/OR
DOWNLOADED AT www.miamidade.gov/mpo



PUBLIC HEARING

The Governing Board of the Metropolitan Planning Organization (MPO) for the Miami Urbanized Area will hold a public hearing on Thursday, May 27, 2004, at 2:00 p.m. in the County Commission Chambers, Stephen P. Clark Center, 111 NW First Street, Miami, Florida for the purpose of approving:

1. FISCAL YEAR 2005-2009

TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

The TIP details in a single document all transportation improvements in the metropolitan area scheduled for the next five years. All together, approximately \$7 billion in transportation improvements, including federal, state and local transportation funding sources, are included in the TIP for the five-year period.

2. AIR QUALITY CONFORMITY DETERMINATION OF THE FY 2005-2009 TIP

The Air Quality Conformity Determination of the FY 2005-2009 TIP demonstrates that implementation of improvements contained in the FY 2005-2009 TIP will contribute to annual emission reductions and conform to National Ambient Air Quality Standards (NAAQS)

3. FY 2005 UNIFIED PLANNING WORK PROGRAM (UPWP)

The UPWP is compiled annually by the MPO. The UPWP describes the technical studies and related activities that will be conducted by the MPO to support its transportation plans, programs, and projects.

4. FY 2004 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AMENDMENT

This amendment to the FY 2004 TIP is to include \$990,029 and \$371,261 of Section 5309 Federal Transit Administration (FTA) funds for the South Miami Pedestrian overpass and the Northeast Miami-Dade Passenger Center projects respectively.

All interested parties are invited to attend. For copies of the UPWP, TIP and/or further information, please contact the MPO Secretariat, Stephen P. Clark Center, 111 NW First Street, Suite 910, Miami, Florida 33128, phone: (305) 375-4507; e-mail: mpo@miamidade.gov website: www.miamidade.gov/mpo. It is the policy of Miami-Dade County to comply with all requirements of the Americans with Disability Act. For sign language interpretation, please call at least five days in advance.

This public participation process is being used by the Miami Dade Transit (MDT) to meet the Program of Projects (POP) and public participation requirements of the Federal Transit Administration (FTA).

Appendix I

Input Streams for MOBILE6

MOBILE6 INPUT STREAM: YEAR 2005

RUN DATA

MIN/MAX TEMP : 69.3 91.2

>These factors are for Southeast Florida only!

NO REFUELING :

*Indicates that refueling emissions will NOT be included

ABSOLUTE HUMIDITY : 100.0

FUEL RVP : 7.8

SCENARIO RECORD : SPEED = EPA default speed distribution

*User must indicate analysis year for this run in four digit format

CALENDAR YEAR : 2005

EVALUATION MONTH : 7

*User must indicate temperatures used for inventory purposes by area

END OF RUN

MOBILE6 INPUT STREAM: YEAR 2015

RUN DATA

MIN/MAX TEMP : 69.3 91.2

>These factors are for Southeast Florida only!

NO REFUELING :

*Indicates that refueling emissions will NOT be included

ABSOLUTE HUMIDITY : 100.0

FUEL RVP : 7.8

SCENARIO RECORD : SPEED = EPA default speed distribution

*User must indicate analysis year for this run in four digit format

CALENDAR YEAR : 2015

EVALUATION MONTH : 7

*User must indicate temperatures used for inventory purposes by area

END OF RUN

MOBILE6 INPUT STREAM: YEAR 2025

RUN DATA

MIN/MAX TEMP : 69.3 91.2

>These factors are for Southeast Florida only!

NO REFUELING :

*Indicates that refueling emissions will NOT be included

ABSOLUTE HUMIDITY : 100.0

FUEL RVP : 7.8

SCENARIO RECORD : SPEED = EPA default speed distribution

*User must indicate analysis year for this run in four digit format

CALENDAR YEAR : 2025

EVALUATION MONTH : 7

*User must indicate temperatures used for inventory purposes by area

END OF RUN

Appendix J

Output Streams for EMIS

MOBILE6 OUTPUT: YEAR 2005

FT	AT	VOC	CO	NOx
1	1	399987	4701470	683496
1	2	96034	1128789	164102
1	3	5955876	70005720	10177376
1	4	4730958	55607944	8084244
1	5	216183	2541029	369413
2	1	206056	2421988	352107
2	2	13232	155526	22610
2	3	10051405	118144944	17175838
2	4	9556814	112331304	16330643
2	5	437031	5136882	746796
3	1	175859	2067062	300508
3	2	3122	36695	5335
3	3	2913105	34240816	4977900
3	4	1474994	17337178	2520466
3	5	433984	5101076	741591
4	1	64042	752757	109435
4	2	10420	122476	17805
4	3	3576640	42040020	6111748
4	4	1226530	14416713	2095889
4	5	592365	6962696	1012232
5	1	46588	547594	79609
5	2	3493	41059	5969
5	3	1940351	22807006	3315666
5	4	1095558	12877256	1872086
5	5	291884	3430824	498771
6	1	198716	2335724	339566
6	2	8352	98165	14271
6	3	261613	3075010	447043
6	4	466594	5484368	797313
7	1	80965	951663	138352
7	2	34318	403370	58642
7	3	738949	8685654	1262714
7	4	559385	6575044	955875
7	5	24682	290117	42177
8	3	578822	6803504	989088
8	4	24171	284112	41304
9	3	2685656	31567318	4589233
9	4	100004	1175452	170886
9	5	592532	6964654	1012516
SUM		51867140	609649088	88630888
TONS		57.12	671.42	97.61

MOBILE6 OUTPUT: YEAR 2015

FT	AT	VOC	CO	NOx
1	1	202489	2941857	260137
1	2	48543	705260	62363
1	3	3337665	48491184	4287890
1	4	2465501	35819956	3167424
1	5	135041	1961943	173487
2	1	100840	1465051	129549
2	2	6468	93977	8310
2	3	5303439	77050784	6813319
2	4	4858894	70592384	6242218
2	5	303856	4414568	390363
3	1	87895	1276982	112919
3	2	1363	19800	1751
3	3	1581174	22972008	2031329
3	4	824325	11976186	1059009
3	5	292552	4250337	375841
4	1	35645	517864	45793
4	2	5601	81374	7196
4	3	2087269	30324868	2681514
4	4	660947	9602564	849118
4	5	356724	5182650	458282
5	1	23869	346787	30665
5	2	1967	28580	2527
5	3	1048569	15234101	1347095
5	4	582055	8456372	747765
5	5	183413	2664705	235630
6	1	103341	1501382	132762
6	2	4317	62716	5546
6	3	152363	2213603	195740
6	4	250334	3636974	321604
7	1	41059	596525	52748
7	2	17301	251363	22227
7	3	408155	5929876	524357
7	4	329502	4787168	423311
7	5	16475	239357	21165
8	3	279102	4054919	358561
8	4	12781	185690	16420
9	3	1729811	25131526	2222286
9	4	63577	923682	81678
9	5	385470	5600288	495212
SUM		28329760	411586976	36394980
TONS		31.2	453.29	40.08

MOBILE6 OUTPUT: YEAR 2025

FT	AT	VOC	CO	NOx
1	1	144045	2620941	139543
1	2	34417	626225	33341
1	3	2472884	44994884	2395604
1	4	1836349	33412922	1778963
1	5	113550	2066073	110001
2	1	74180	1349723	71862
2	2	3383	61557	3277
2	3	4044065	73583112	3917683
2	4	3617024	65812940	3503998
2	5	257542	4686056	249494
3	1	65538	1192482	63490
3	2	981	17858	951
3	3	1349806	24560116	1307625
3	4	648770	11804569	628495
3	5	294392	5356561	285193
4	1	27238	495598	26386
4	2	4323	78660	4188
4	3	1773502	32269430	1718081
4	4	579286	10540283	561183
4	5	418603	7616617	405522
5	1	17916	325983	17356
5	2	1396	25395	1352
5	3	819940	14919098	794317
5	4	449300	8175158	435259
5	5	148886	2709035	144234
6	1	98503	1792301	95425
6	2	3129	56932	3031
6	3	147759	2688514	143141
6	4	197700	3597215	191522
7	1	30799	560393	29836
7	2	11954	217513	11581
7	3	325416	5921038	315246
7	4	287959	5239506	278960
7	5	14779	268905	14317
8	3	358258	6518611	347062
8	4	18566	337805	17985
9	3	1970489	35853664	1908912
9	4	69925	1272299	67739
9	5	335344	6101690	324865
SUM		23067800	419728160	22347054
TONS		25.41	462.26	24.61